

WSA 2004 Proposed Project

Project Name:	Relationships between <i>in vitro</i> and <i>in vivo</i> biomarkers/chemical yields (N15XX)	
Purpose:	To develop a model for establishing the relationship between <i>in vivo</i> measurements of smoke constituents based on human exposure studies with <i>in vitro</i> yields of the same constituents from smoke chemistry.	
Reason for Doing this Work:	<input checked="" type="checkbox"/> Guidance <input type="checkbox"/> Evaluation <input checked="" type="checkbox"/> Product Design	<input type="checkbox"/> Short Term <input checked="" type="checkbox"/> Long Term
Initiative and sub-initiative: (Check all areas that apply)	<input type="checkbox"/> Determinants of Exposure <input type="checkbox"/> Addiction <input type="checkbox"/> Ammonia <input checked="" type="checkbox"/> Understanding Product Toxicity vs Product Design <input checked="" type="checkbox"/> Exposure <input type="checkbox"/> Carbon <input type="checkbox"/> Menthol <input type="checkbox"/> Low Tar <input type="checkbox"/> ETS <input type="checkbox"/> Specific Compounds <input type="checkbox"/> Evaluation Framework Clinical <input type="checkbox"/> Cancer <input type="checkbox"/> COPD <input type="checkbox"/> CVD <input type="checkbox"/> Molecular Biology <input type="checkbox"/> All Disease	<input type="checkbox"/> Evaluation Framework Non-Clinical <input type="checkbox"/> Cancer <input type="checkbox"/> COPD <input type="checkbox"/> CVD <input type="checkbox"/> Molecular Biology <input type="checkbox"/> All Disease <input type="checkbox"/> Broaden Flexibility after Clinical Studies <input checked="" type="checkbox"/> Rapid Screening <input type="checkbox"/> Knowledge Management <input type="checkbox"/> Risk Assessment <input type="checkbox"/> Communication <input type="checkbox"/> Surveillance <input checked="" type="checkbox"/> Smoking Conditions <input type="checkbox"/> Improve Prep Subjectives <input type="checkbox"/> Lit End Cigarette Reduced Exposure Design
Project Leader:	Jingzhu Wang	
Functional Area:	CE	
Prioritization:	<input type="checkbox"/> Critical <input checked="" type="checkbox"/> Priority <input type="checkbox"/> Secondary <input type="checkbox"/> Low	
Milestones:	Target Start Date:	Target Completion Date:
1) Obtain smoking chemistry data	February 1, 2004	March 31, 2004
2) Merge with human exposure data	April 1, 2004	April 30, 2004
3) Statistical Analysis Plan	May 1, 2004	May 31, 2004
4) Carry out analysis plan	June 1, 2004	July 31, 2004
5) Preliminary report / presentation	August 1, 2004	August 31, 2004
6) Collect feedbacks and revise results	September 1, 2004	September 30, 2004
7) Final report	October 1, 2004	December 31, 2004
Internal Resource Allocation (WSA, PMRL, PMI) (Man Hours)	External Resource Allocation (other PMUSA, external vendors) (Man Hours)	
Jingzhu Wang 300 hours, Mohamadi Sarkar 160 hours, Qiwei Liang 80 hours, Hans Roethig 20 hours		

TO BE FILLED OUT BY WSA MANAGEMENT

Approved as Written
 Approved with Modifications
 Not Approved

Signature of Project Leader's Functional Director (Date)